

## TRANSMITTAL FORM FOR FILING PATENT APPLICATION

04/14/00  
jc780 U.S. PTO

Attorney  
Docket No.: NU-431AX

WEINGARTEN, SCHURGIN, GAGNEBIN & HAYES LLP  
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jc525 U.S. PTO  
09/550103  
04/14/00

Express Mail No: EL231116738US

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Date: April 14, 2000

First Named Inventor or Application  
Identifier: Richard C. Deth

Sir:

Transmitted herewith under 37 CFR § 1.53 for filing is the patent application of:

Inventor: Richard C. Deth

Entitled: **METHODS OF IDENTIFYING AND DETERMINING THE EFFECTIVENESS OF THERAPEUTIC  
PROCESSES OR AGENTS FOR THE TREATMENT OF SCHIZOPHRENIA AND RELATED  
DISORDERS**

[X] This is a request for filing a [ ] **continuation** [X] **divisional** [ ] **continuation  
in-part** application under §1.53(b) of prior Application No. 08/833,703, filed April  
8, 1997 entitled: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT OF  
SCHIZOPHRENIA AND RELATED DISORDERS

Enclosed are:

[X] 20 pages of written description, claims and Abstract, inclusive

[X] 4 sheets of [ ] informal [X] formal drawings of Figs. 1-4b(one set)

[X] Oath or Declaration

[ ] Newly executed (original or copy)

[X] Copy from prior application (37 CFR 1.63(d)) (for continuation/divisional).

The entire disclosure of the prior application, from which a copy of the oath  
or declaration is supplied, is considered as being part of the disclosure of  
the accompanying application and is hereby incorporated by reference therein.

[ ] To be filed later

[ ] Cover sheet and Assignment of the invention to:

[ ] Certified copy of a \_\_\_\_\_ application (if foreign priority is  
claimed) with letter claiming priority under Rule 55.

[ ] Information Disclosure Statement with \_\_\_ citations

[ ] Preliminary amendment is enclosed.

[X] Return receipt postcard

**TRANSMITTAL FORM FOR FILING PATENT APPLICATION (CONTINUED)**

Attorney  
Docket No.: NU-431AX

- [ ] Verified statement of Small Entity status (§1.9 and §1.27)
- [X] Verified statement of Small Entity was filed in prior application.  
Status still proper and desired
- [X] Priority is claimed under 35 USC § 120 as indicated on the attached sheet 4.
- [ ] Priority is claimed under 35 USC §119(a)-(d) as indicated on the attached sheet 4.
- [ ] Priority is claimed under 35 USC §119 (e) as indicated on the attached sheet 4.
- [ ] \_\_\_\_\_ is hereby appointed Associate Attorney by:  
Registration No.:

\_\_\_\_\_  
Attorney of Record  
Registration No.:

- [ ] **Power of Attorney** in the originally-filed application has been granted to one or more of the registered attorneys listed below. The attorneys listed below not previously granted power in the originally-filed application, as well as \_\_\_\_\_, are hereby given associate power:

Registration No.:

Stanley M. Schurgin, Reg. No. 20,979  
Charles L. Gagnebin III, Reg. No. 25,467  
Paul J. Hayes, Reg. No. 28,307  
Victor B. Lebovici, Reg. No. 30,864

Eugene A. Feher, Reg. No. 33,171  
Beverly E. Hjorth, Reg. No. 32,033  
Holliday C. Heine, Reg. No. 34,346  
Gordon R. Moriarty, Reg. No. 38,973

CLAIMS FILED:	MINUS BASE:	EXTRA CLAIMS:	RATE:	BASIC FEE:
				\$690.00
Independent	2 - 3	= -0-	x \$78.00 =	-0-
Total	9 - 20	= -0-	x \$18.00 =	-0-
[ ] Multiple Dependent Claims (1st presentation)			+ \$260.00 =	\$690.00
SUBTOTAL FILING FEE				\$690.00
Small Entity filing, divide by 2. (Note: verified statement must be attached per §1.9, §1.27, §1.28.)				
TOTAL Filing Fee				\$345.00

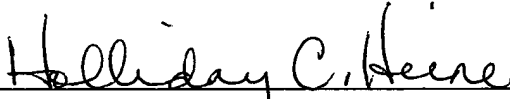
Attorney Docket No.: NU-431AX

**TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)**

- [X] The filing fee has been calculated above; a check in the amount of \$345.00 is enclosed.
- [ ] The filing fee will be submitted at a later date.
- [X] In the event a Petition for Extension of Time under 37 CFR §1.17 is required by this paper and not otherwise provided, such Petition is hereby made and authorization is provided herewith to charge Deposit Account No. 23-0804 for the cost of such extension.
- [X] The Commissioner is hereby authorized to charge payment of any additional filing fees under 37 CFR §1.16 associated with this communication or credit any overpayment to Deposit Account No. 23-0804.

Address all future communications to:

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Attorney of Record: Holliday C. Heine, Ph.D.  
Registration No. 34,346

Attorney Docket No.: NU-431AX

**TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)**

[X] Priority is claimed under 35 USC § 120 of prior Application(s)  
No. 08/833,703, filed April 8, 1997, entitled: METHODS AND MATERIALS FOR THE  
DIAGNOSIS AND TREATMENT OF SCHIZOPHRENIA AND RELATED DISORDERS

[X] The above-identified application(s) is/are  
assigned of record to: NORTHEASTERN UNIVERSITY

[ ] Priority is claimed under 35 USC § 119 (a)-(d) of the following application(s).

_____ (Application Number)	_____ (Country)	_____ (Filing Date)
_____ (Application Number)	_____ (Country)	_____ (Filing Date)
_____ (Application Number)	_____ (Country)	_____ (Filing Date)

[ ] The above-identified application(s) is/are assigned of record to:

[ ] Priority is claimed under 35 USC § 119 (e) of the following provisional  
application(s).

_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)

[ ] The above-identified provisional application(s) is/are assigned  
of record to:

[ ] The claim of small entity status in the above-identified provisional  
application(s) is made in this application and a copy of the small entity  
form(s) from the provisional application(s) is/are enclosed.

SUBMIT IN TRIPLICATE  
HCH/raw 224095-1